

# W332-Z00

## AMD Ryzen™ Tower Entry Workstation



### Features

- AMD EPYC™ Ryzen™ 7000 Series Processors
- Dual Channel ECC / Non-ECC DDR5 UDIMM, 4 DIMMs
- Realtek® DASH Remote Management
- Realtek® 2.5Gb/s LAN and 1Gb/s DASH LAN
- 1 x M.2 slot with PCIe Gen5 x4 interface
- 1 x M.2 slot with PCIe Gen4 x4 interface
- 2 x 3.5"/2.5" SATA bays
- 1 x PCIe Gen5 x16 slot
- 2 x PCIe Gen4 x4 and x1 slots
- Rear HDMI and DP support
- Single 500W 80 PLUS Bronze power supply

### Specification

<b>Dimensions</b>	Mini-Tower (W375 x H198 x D370 mm)	<b>Peripheral Drives</b>	Optional ODD devices
<b>CPU</b>	AMD Ryzen™ 7000 Series Processors * Recommend to install CPU TDP under 105W.	<b>Front I/O</b>	2 x USB3.2 Gen1 ports, 1 x Line out port, 1 x Mic in port, 1 x Power Button, 1 x Hard drives status LED, 1 x Reset Button
<b>Socket</b>	1 x AM5	<b>Rear I/O</b>	1 x Display port, 1 x HDMI port, 3 x USB 3.2 Gen2 type A, 1 x USB 3.2 Gen2 type C, 1 x 2.5 GbE RJ45 LAN port, 1 x GbE RJ45 DASH LAN port, 3 x Audio Jacks, 2 x Antenna ports (reserved for option)
<b>Chipset</b>	AMD B550E	<b>TPM</b>	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
<b>Memory</b>	2-Channel DDR5 memory, 4 x DIMM slots Support ECC Unbuffered DIMM 1Rx8/2Rx8 memory modules and Non-ECC Unbuffered DIMM 1Rx8/2Rx8/1Rx16 memory modules Total up to 128GB of system memory (32GB single DIMM capacity) Memory speed: Up to 5200 MT/s (1DPC), 3600 MT/s (2DPC)	<b>Power Supply</b>	1 x 500W 80 PLUS Bronze power supply AC Input: 90-264V; 115V/ 7A, 230V/3A; 47-63Hz
<b>LAN</b>	2 x LAN ports - Realtek 2.5GbE LAN (RTL8125) - Realtek GbE DASH LAN (RTL8111EP)	<b>System Management</b>	Realtek DASH Remote Management
<b>Video</b>	1 x DP port: Maximum resolution of 4096x2160@60Hz; Supports DP 1.2. 1 x HDMI port: Maximum resolution of 4096x2160@60Hz; Supports HDMI 2.1, HDCP 2.3, HDR	<b>OS Compatibility</b>	Windows 11 (64bit) Windows 10 (64bit)
<b>Audio</b>	Realtek ALC897 audio codec High Definition audio; 2/4/5.1/7.1-channel 3 ports Audio Jack (Line in/Line out/Mic)	<b>System Fans</b>	2 x 92x92x25mm (4500rpm)
<b>Storage</b>	2 x 3.5"/2.5" SATA fixed bays	<b>Operating Properties</b>	Operating temperature: 0°C to 30°C Operating humidity: 8%-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
<b>RAID</b>	RAID 0/1/10	<b>Packaging Content</b>	1 x W332-Z00 1 x Quick Start Guide
<b>Expansion Slots</b>	1 x PCIe x16 (Gen5 x16) slot 1 x PCIe x16 (Gen4 x4) slot 1 x PCIe x1 (Gen4 x1) slot 1 x M.2 slot: M-key, PCIe Gen5 x4, supports 2242/2280 cards 1 x M.2 slot: M-key, PCIe Gen4 x4, supports 2242/2280 cards 1 x M.2 slot for Wi-Fi: E-key, supports 2230 cards	<b>Part Numbers</b>	Barebone package: 6BW332Z00MR-00-1* - Motherboard: 9MC13NB0NR-00 - I/O shield: 12AIO-W33200-00R - SATA cable: 25CF4-350500-S9R - Power supply: 25EP0-20500C-F3S



Learn more about GIGABYTE server at <https://www.gigacomputing.com>

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